DXpedition News

Mariana Island - KHØ JG1RVN will operate from KHØ (OC-86) May 21-24, on 20-10 meters CW and RTTY. Watch 90 kHz up on RTTY, and 30 kHz up on CW. QSL JG1RVN.

Crete - SV9 Dr. Fred Ruppert DJ5RT will operate as J40MAR or SV9/DLØMAR May 20-26. 160-10 meters SSB, but CW on request. QSL DJ5RT. Donations will be used to buy medicine and medical equipment for 3rd world countries.

Singapore - 9V Yoshi JA1UT will stage the first-ever 6-meter operation from 9V, June 3-12. 9V1ES will be on 50.125 MHz, listening 50.110 MHz. The station will be in beacon mode sending VVV when the shack is not manned. QSL Yoshi Hayashi JA1UT, 4-20-2 Nishi-Gotanda, Shinagawa, Tokyo 141 Japan.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Christmas Island - VK9X Yoshi JA1UT will go on to VK4CEI/VK9X (OC-02) June 17-24, on all bands. He'll also try 6 meters, as VK4KCW/VK9X. QSL to JA1UT.

DXCC Desk News

Japan DX News reports that Baldur DJ6SI has not sent any documentation on his recent Abu Ail A15 DXpedition to the DXCC desk for accreditation. Baldur states, "The Abu Ail DXpedition is legal. ARRL has never requested any documentation [from me.] All stations that have had their A15 card turned down for DXCC can get copies of the documentation from the European DX Foundation or the Northern California DX Foundation. Both have complete papers. I send no documentation [to ARRL.]"

Apparently DJ6SI has some problem with the DXCC desk. Let's hope the NCDXF can provide copies of the papers to ARRL soon.

Shortly Noted

• Joe KL7LF/KH3 is leaving Johnston Island (OC-23) at the end of May. As of that time, send any remaining QSLs to his own Callbook address, and not to his QSL manager.

• The Lynx DX Group plans to put SØRASD on the air again, through May 23. QSL to EA2JG. Thanks DXNS.

• Robert 3B9FR (AF-17) has a sked with his QSL manager F6FNU on 14240 kHz at 1600Z daily. He also shows up on the IØMPF net on 14247 kHz at 1700, 14240 kHz at 0300Z or 14190-95 kHz at 1130-1200Z, and 14010 kHz at 1400Z. He expects in increase his free-style operating soon. Thanks DX-News Newsletter.

• Bruno has a new callsign, FR4FA/J, from Juan de Nova (AF-12), through June 3. Try 14236 kHz at 0400Z. QSL via F6FNU.

• Lucio I8MPO is on as I88ITU through May 22, celebrating International Telecommunications Day. QSL home call.

• Ralph K1RH will operate from 4U1UN May 22 from 1700Z on, both CW and SSB.

• Jean Michel F6AJA has the F2JD/A6 logs, and expects to get QSLs out very soon.

• 20 meter SSB net regulars this past week include: KC6HA AXØNE (Macquarie Is.) XU1SS BV2B 5T5NU A35SA AH9AC 1Z9B BY1QH ZK1CX.

• 40 meter regulars are: A22BW 7005 kHz at 1400Z, long path into the West Coast; FT5ZB 7005 kHz at 0145Z, to the mid-west; and VK9XT on 7005 kHz at 1100Z, to East Coast.

• 20 meter CW ops are: JY8XY 23-01Z, QSL OH6XY; UW3HY/1 on Franz Josef on 14020 kHz at all hours, on very high speed CW; Tom VU2TJW on 14025 kHz at 1600Z and 0230Z; FT5ZB on 14025 kHz at 0300Z; VK9XT on 14028-33 kHz at 13-1600Z; and BV2DA on 14005-10 kHz at 1400Z.

• 20 meter SSB catches include: A71BJ 14184 kHz at 0300Z; AP2AU on 14194 kHz at 0030Z; and P29FG on 14205 kHz at 1230Z.

Islands On The Air

• YB8ASX (OC-70) is on 14215 kHz at 12-1400Z on weekends. QSL to KEØOL.

• EA6ZY will be on as ED6EIT from Tago Mago Island from 2200Z May 20-1200Z May 22.

• TX9IPA will be on St. Marcouf Island (EU-81) June 3-11.

• Hoedic Island (EU-48) will be on the air June 3-6.

• IP1ARI will be on Palmaria Island (EU-83) May 20-22, CW, SSB, all bands. QSL I2CZQ.

• FV8NDX/P was on 7 Iles (EU-107) May 13-15. TV6OLE was F6AUS from Oleron Island (EU-32) May 12-15. He'll be back for WPX CW. (Islands On The Air directories are US$3 postpaid from The DX Bulletin. -ed.)

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
May		Date	Flux	A	K	Date	Flux	A	K
20	Below Nor	4/23	110	18/33	1	3/26	130	15/65	4
21	High Nor	4/24	104	05/12	3	3/27	131	20/48	3
22	High/Low	4/25	105	05/14	2	3/28	130	14/46	3
23	High/Low	4/26	103	08/15	0	3/29	132	22/56	4
24	High/Low	4/27	101	04/15	1	3/30	125	15/48	3
25	Low Normal	4/28	100	13/23	2	3/31	134	09/21	2
26	High/Low	4/29	101	09/14	1	4/1	127	08/26	3
27	High/Low	4/30	103	07/15	1	4/2	127	13/33	2
28	High Nor	5/1	107	05/12	2	4/3	128	18/67	4
29	High Nor	5/2	115	07/14	2	4/4	123	60/103	4
30	High Nor	5/3	121	04/15	2	4/5	114	15/41	2
31	High/Low	5/4	125	13/25	3	4/6	117	36/70	7
June									
1	Low Normal	5/5	119	16/32	2	4/7	120	15/22	4
2	Disturbed	5/6	114	60/125	3	4/8	125	07/17	2
3	High/Low	5/7	111	09/21	3	4/9	127	11/21	3
4	Low Nor	5/8	115	12/24	2	4/10	127	14/21	3
5	High/Low	5/9	120	10/--	3	4/11	131	08/15	3

Thanks KH6BZF and Space Environment Services Center.

Propagation Watch

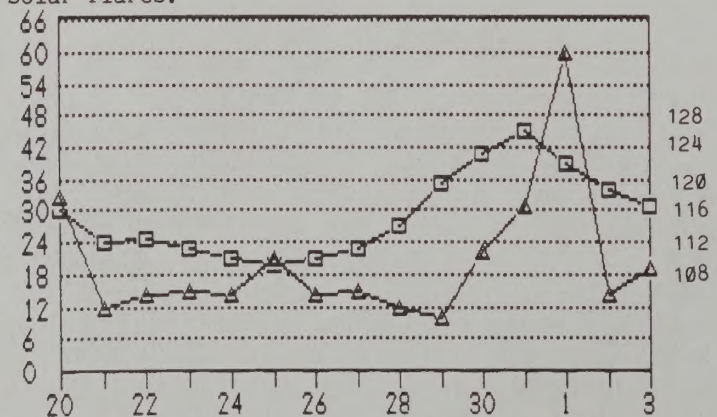
The bands picked up considerably after the severe solar storm of May 6. The solar flux has stayed rather low, in the 100-120 range, but the absorption has also stayed mercifully low, usually in single digits. (The Space Environment Services Center (SESC), the WWV propagation people, have not been able to provide estimates of planetary A index for the past 10 days.)

The combination of consistent solar flux over a period of weeks, coupled with low absorption, has provided some excellent 15-meter propagation. The solar flux is not high enough to open 10 meters, except for the usual north-south path, but 15 has been open almost all night.

The low absorption also means the long path is often available for DX; pay particular attention to sunrise at the DX location, as well as your local sunrise and sunset.

We are also entering the June Sporadic E season. DXers might catch some multiple-hop E-skip openings on 10 and 12 meters. Even a slight increase in solar flux can open up 10 meters, and the combination of E skip and F2 propagation makes for interesting DX.

The SESC has predicted that the average solar flux this fall will be in the 160-180 range. Smoothed sunspot numbers at the end of 1988 will be about 140. The number of flares is expected to increase by up to 150% by the end of the year. DXers are in for good high band openings, but poor low bands, and frequent solar flares.



Solar flux (squares, scale at right), Planetary A index (triangles, scale at left) for 27 days prior to dates given. Thanks Space Environment Services Center.

Japan International DX Contest

The monthly Japanese DX magazine Five Nine is sponsoring a new SSB contest this year. The purpose of the contest is for stations outside Japan to work as many Japanese stations as possible, in a format similar to that of the ARRL DX Test in the Spring.

The contest runs 2300Z Friday, November 11 to 2300Z Sunday November 13, 1988. Single operators are limited to 30 hours of operation. Off periods must be at least 60 minutes long, and clearly marked in the log. Multi-op stations may use the full 48 hours.

Categories are single-op, all band (80-10, no WARC bands); single-op, single band; and multi-multi.

The contest exchange for US stations is signal report and consecutive serial number. Japanese stations send report and Prefecture number (1-50).

Contacts on 40-15 meters count one point per QSO. Contacts on 10 and 80 meters count two points per QSO. Only contacts between JA and DX stations count. (No DX-DX or JA-JA QSOs.) Multipliers for DX stations are Japanese Prefectures, plus JD1, for a total of 50. Japanese contesters use DXCC countries as multipliers.

Plaques will be given to top continent leaders on all bands, each single band, and multi-op, as well as top all-band entries from the three CQ zones in the US. A special award is available for working all 47 Japanese prefectures.

Complete rules and entry sheets are available from Five Nine, Box 8, Kamata, Tokyo 144 Japan.

[Even wonder what to do during that "off" week between the two Sweepstakes weekends? Now you know. This Japanese contest makes five straight weeks of contests in October and November.

[For US stations, strategy in this contest is very straight-forward: pick an entry class and be on the appropriate bands during openings to Japan. Anyone seriously interested in winning the contest can find a suitably-placed Pacific island to operate the test.

[One interesting kicker in this new contest is that the winner(s) will get a free trip to Japan to claim their plaque! As with the Bermuda contest, which offers a similar 'reward,' this bonus should attract considerable attention, especially on the West Coast. The practice is of questionable legality, but as long as no one complains too loudly, it will increase interest in the Test. -ed]

Russian Callsigns

Every May, Russian amateurs operate with lots of strange callsigns, to commemorate the end of World War II. Calls beginning with EU are in the capitals of the 15 Russian Republics. Those beginning with EV identify stations in the capitals of the 20 Autonomous Republics. Hero Cities stations are marked with EW prefixes, and stations in cities with former guerilla activity use EM prefixes. EO prefixes are from cities awarded medals for their contribution to the victory.

You can determine the Russian Republic by the letter after the number. If this is A, N, V, W, or X, the station is in Russia. If it's B, T, or Y, the station is in the Ukraine. Other letters identify the republic as usual. The DXCC country is the same as the Russian Republic, except for Russia itself. Then you must refer to the number in the call. 2 is Kaliningrad, 1, 3, 4, or 6 is European Russia, and 8-0 is Asiatic Russia.

To determine Oblast, look at the number and next two letters, for calls with more than a single-letter suffix. Stations with a single letter in the suffix are in the capital of the republic.

Operators will give QSL routes, including direct addresses at times. Otherwise, QSL via Box 88.

[Thanks to K1KI and the USSR Tidbits for the above information.]

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----				
4X6RA	14090	2145	12	CA
C31LHK	14096	2154	3	NH
CO2BB	14094	0035	10	CA
CO2BB	14092	2315	4	OH
CP8HD	21088	0202	10	CA
HB9HK	14086	1615	10	CA
HC2LZ	14088	0255	3	OH
UA9FM	14089	0200	5	OH
UZ9CWA	14094	0225	12	CA
VK2DPG	28092	2350	12	CA
-----80 Meters-----				
FT5ZB	3501	2341	1	PA
JA1HQT	3509	1029	7	PA
S9AGD	3501	2335	7	PA
T32JA	3504	0956	12	PA
VP2M/ KV4VH	3506	0223	11	FL
	The Last Resort			
-----75 Meters-----				
KX6DS	3795	1012	8	PA
VK9NS	3796	1100	6	IA
ZL1CCR	3797	0956	3	NH
-----40 Meters-----				
4K1B	7001	1401	7	OR
A22BW	7005	1357	7	ID
BY4WNG	7003	1355	1	OR
FT5ZB	7006	0145	10	FL
FT5ZB	7006	1253	13	OR
P29HS	7011	1131	7	FL
S9AGD	7005	2210	5	CT
T32ZZ	7005	0545	11	OR
VK9NS	7005	1138	6	MN
VK9XT	7005	1107	10	NY
VK9XT	7005	1340	7	ID
VP2M/ KJ4VH	7000	0503	13	OR
	The Last Resort			
XF1C	7005	1006	3	MI
YN3EO	7003	0511	10	ID
-----20 Meter CW-----				
3B8CF	14035	0241	4	MO
3B9FR	14037	0337	4	KY
4KØDR	14005	0155	5	OR
4KØE	14012	1535	7	OR
4S7EA	14019	2345	10	FL
4S7EA	14020	0126	12	FL
4S7WP	14036	0059	3	FL
4S7WP	14004	2355	4	FL
7X2FK	14002	0415	8	CO
9Q5UN	14058	2244	30	MA
BV2DA	14015	1544	11	OR
BV2DA	14006	1600	4	OR
C53GS	14003	2358	9	FL
EKØAA	14010	0211	5	FL
EO2PPP	14031	0445	11	CA
EU7L	14011	1314	7	WI
EU9H	14011	0220	8	FL
EV9AW	14011	0214	7	WI
FR4FA/J	14020	1547	8	NY
FT5ZB	14025	0308	10	NY
HBØ/ DL1GRG	14029	2152	13	FL
HKØBKX	14013	1326	8	FL
HZ1HZ	14025	0209	8	FL
I88ITU	14016	2142	13	FL
J52US	14006	2355	2	MA
JD1AMA	14025	0020	2	MA
JT/OK1XC	14017	0047	7	WI
JT1BR	14014	1448	9	WA
JY8XY	14022	0125	7	CA
JY8XY	14026	2242	7	MN
OY/DK9FE	14016	1200	8	IA
P29RA	14035	1155	9	OR
RA2FJ	14020	0506	9	CA
RZ1OWA	14017	2137	8	FL
	Franz Josef Land			
S9AGD	14028	0558	10	CA
S9AGD	14024	2145	10	FL
S9AGD	14023	2345	10	WA
S9AGD	14025	0207	14	OR
TA1AE	14014	2211	27	VT
TA2AI	14032	2235	5	FL
U9IB	14037	0120	3	FL
UA1O/ UAØBDU	14019	2330	7	FL
	Franz Josef Land			
UA6IA	14010	2120	1	OR
UB8Q	14038	0052	3	FL
UH8BAF	14029	0153	12	FL
UI8AFI	14025	0025	12	FL
UI8CQ	14009	0036	30	VT
UI8IF	14023	0320	4	OR
UI9AAB	14017	0122	7	WI
UL7XE	14024	0231	1	MI
UW3HY/1	14021	0355	4	MO
UW3HY/1	14029	0540	7	KY
UW3HY/1	14019	1600	9	OR
VK9XT	14033	1255	10	CO
VK9XT	14028	1545	9	OR
VP2M/ KJ4VH	14022	2120	8	OR
	The Last Resort			
VS6DO	14020	1448	7	MN
VU2TJW	14025	0227	11	FL
YN3CC	14004	1300	7	WI
YN3CC	14030	1225	9	FL
YN3EO	14003	0150	9	OR

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Tell your fellow DXers about The DX Bulletin!

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-----20 Meter SSB-----				
1Z9B	14232	1345	13	OR
3B9FR	14238	0215	8	TX
3B9FR *	14190	1133	5	RI
3X0A/A	14195	0159	9	NY
4KØE	14158	1522	9	OR
5T5EV	14210	0045	11	FL
5T5NU	14197	0515	12	CA
5V7WD	14222	0609	1	OR
7X2HM	14200	0055	29	MI
7X5VRK	14181	0350	8	RI
9K2KN	14222	0217	5	NC
9K2KW	14240	0040	4	WA
9N1MM	14235	0035	5	OH
A22BW	14179	1330	12	CA
A35SA	14215	0459	10	OR
A4XJR	14190	2050	5	RI
A4XKB	14190	0317	30	MI
A71BJ	14185	0300	9	MA
AP2AU	14193	0015	5	OH
AXØNE	14222	0803	10	MA
	Macquarie Is.			
BTØLS	14190	1350	11	CA
BTØZML	14210	1526	11	OR
BV2A	14208	1539	11	OR
BV2B	14187	1210	9	RI
BV2FA	14166	1415	12	CA
BV6IA	14195	1522	3	OR
BY4AA	14200	1140	7	RI
BY4RB	14174	1236	3	MA
DU9RG	14180	1345	11	CA
EA9IE	14197	0104	5	KY
EO9ACS	14177	0200	8	OH
EU2P	14177	0551	9	CA
EXØA/A	14195	0205	8	FL
FR4FA/J	14236	0352	10	MO
FR5DX *	14187	1134	4	NH
FS9TI	14205	1318	1	CT
GB75SCP	14200	1655	23	VA
HK7BEI	14160	2316	8	CA
J52BLU	14120	0004	8	NC
JT1BR	14016	1350	11	OR
JT1KAA	14196	0201	4	NC
JW5E	14176	2022	4	NH
JX8KY	14236	2045	5	RI
JY8KS	14201	1902	7	MN
KHØAC	14204	1119	4	MA
OD5NT	14195	2255	5	NC
OD5VT	14274	0045	5	OH
P29FG	14203	1220	10	MA
SØRASD	14190	0012	26	MA
T5GG	14196	1920	8	FL
TA1AR	14204	0055	5	OH
TL8SC	14215	1958	23	VA
TU2QQ	14222	0557	11	OR
TYØLC	14251	2125	5	CT
TYØLC	14220	2320	5	RI
TZ6PS	14183	0110	12	FL
UG7GWO	14234	0313	2	NC
UI2QZ	14185	2336	11	FL
UI8BWE	14225	0230	5	NH
UI8ZAC	14220	0300	30	MS
V85AA	14163	1500	13	OR
V85JB	14165	1220	8	IA
VK9XT	14165	1536	5	OR
VK9XT	14195	1817	7	RI
VR6ID	14227	0316	4	OR
VU2TJW	14182	0158	10	MO
XU1SS	14226	1400	10	IA
XX9KA	14180	1540	4	CA
XX9TE	14206	1502	12	OR
XX9TUE	14191	1521	11	OR
YN3EO	14185	0324	9	MA
-----15 Meter CW-----				
5U7/ TU4BR	21032	0045	1	MS
9J2BO	21040	2130	4	FL
9L1GG	21025	1715	7	FL
9Q5DA	21033	2130	9	FL
A92BE	21024	2340	7	MN
HKØBKX	21220	0345	12	CA
HZ1AB	21016	1414	8	FL
OD5PL	21033	1300	8	FL
TA2AH	21017	2122	9	FL
TA2J	21012	2034	7	FL
UF6QAE	21026	1410	8	FL
UI8IF	21006	1752	8	FL
UI8QAU	21010	1745	8	FL
VP2M/ KJ4VH	21005	1727	7	FL
	21023	2030	8	FL
	The Last Resort			
-----15 Meter SSB-----				
3DAØBW	21335	1715	2	NH
3XØA/A	21248	1732	7	MN
5H3BH	21304	2043	30	MA
5H3RB	21251	1659	7	MN
CN8EL	21273	2115	9	CA
EO5BGH	21251	1313	7	RI
EV4AW	21228	1300	7	RI
J52US	21250	1433	8	KY
KG4AN	21312	2040	30	MA
S92LB	21292	2200	9	CA
ZS3GB	21245	1840	9	IA
-----12 Meters-----				
HZ1AB	24951	1633	23	VA
-----10 Meter CW-----				
9H1R	28018	1801	8	FL
CEØFFD	28020	0234	11	FL
CEØZIG	28031	2005	3	FL
FG5CP	28007	2000	5	CO
FK8FG	28025	0031	12	FL
FOØAQ	28017	2138	08	CA
J52US	28005	1839	7	VT
TA2AO	28024	1140	7	NY
-----10 Meter SSB-----				
5V7WD	28502	1530	1	MS
AP5HQ	28489	1130	7	NY
CP8HD	28510	2218	8	MI
HZ1AB	28480	1155	7	NY
J52US	28498	1330	8	OH
KX6DS	28530	0357	9	CA
P43HM	28479	1723	8	KY
T32BH	28495	0156	15	CA
TR8JLD	28470	2000	3	RI
ZS1CH	28513	1403	8	MI

Key to Bandpass: Callsign, frequency, UTC, day of month state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

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May-June Calendar:

Sun	Mon	Tue	Wed	Thu	Fri	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

****

RTTY Report

- FT5ZB has been active on 14087 kHz at 0400Z.
- HI8EL is on 14092 kHz at 0030Z most days.
- EA8FE is on ARQ on 14075 kHz at 1000Z.
- HC8GR is often on 14095 kHz at 0300Z.
- Pat 5H3ZO likes 14088 kHz at 0345Z. QSL KØLST.
- Edwardo CO2BB is again on 14093 kHz at 2200Z. QSL to Box 6022, not Box 1.
- ZF1HJ Jack is on 14078 Khz at 0500Z. QSL via Callbook address.
- 9K2KA has been on FEC on 14075 kHz at 0830Z.
- 6T2MG is still active on 14099 kHz at 0500Z.
- HP1AC has been on 14089 kHz at 0840Z.
- ZP5CDV puts a good signal into the US on 14090 kHz at 2330Z.
- Only a small handful of DXers broke the pileup on WØRLX/KH5. Those lucky ones can QSL via WA2MOE.
- Look for stations from Trindade PYØT June 1-5.

The DX Bulletin

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CALENDAR

Issue 438 - May 20, 1988

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB 1832 14-1500Z	I426
	7005 0145Z; 14025 0300Z	
Aruba - P4	P40P June 15-22	I431
Botswana - A2	A22BW 7005 kHz 1400Z	I438
China - BY	20 MCW/SSB 0030-01Z	I423
Christmas Is.	VK9XT May 3-24	I433
	See Bandpass for VK9YT	
	VK4CEI/VK9X Jun 17-24	I438
Congo - TN	by N4NW late May	I432
Crete - SV9	J40MAR May 20-26	I438
Curaco - PJ2	PJ2/N5RM May 24-31	I427
E. Carolines	KC6DX May 27-June 5	I433
Faroes - OY	OY/DK9FE May 8-27 CW	I424
Franz Josef Land	UA1O/UA0BDU, UW3HY/1	I434
Glorioso - FR/G	FR4FA/G June 22-July	I436
Guinea-Bissau J5	J52US 28450 kHz 14Z+	I435
India - VU	AT0T WPX CW	I429
Juan de Nova FR/J	FR4FA/J to June 3	I436
	14236 kHz at 0400Z	I438
Juan Fernandez	CE0ICD 14236 2200Z	I434
Kuwait - 9K2	9K2KW 14230 2300Z	I435
Liechtenstein HB0	HB0/F6GMB Aug 8-20	I437
Little Cayman	ZF2ME/ZF8 May 15-20	I436
Macao - XX	XX9MF CQ WPX CW	I436
Mariana Is - KH0	JG1RVN May 21-24	I438
Martinique - FM	FM/JA2EZD May 12-20	I436
Nepal - 9N	9N1MM 14236 00Z Wed	I428
	14183 0100Z	I434
	9N1MM on CW in June	I437
North Cooks ZK1	ZK1QC June 25-30	I436
	ZK1WL 28300 0200Z	I437
Oman - A4	A4XKJ 14195-200 12Z+	I434
	A4XKB 20M SSB 0200Z	I435
Rodriguez - 3B9	3B9FR 14250 at 0300Z	I435
	More skeds in Issue 438	
Rwanda - 9X	9X5AA CW May 17-20	I435
Saba Is. - PJ	PJ0M 6M Jul 7-14	I430
St. Pierre - FP	73 Mag May 26-29	I434
Singapore - 9V	6 meters June 3-12	I438
Swaziland - 3DA0	3DA0BW 28490 1500Z	I434
Taiwan - BV	BV2DA 14005 1400Z	I438
Tokelau - ZK3	by VK2BCH May	I435
Trindade - PY0T	ZY0TR et al June 1-7	I437
	esp. RTTY 14087 kHz	I437
Tuvalu - T2	CQWW SSB by K8JRK	I432
United Nations	4U1UN by K1RH May 22	I438
Vatican - HV	HV3SJ 21242 2000Z	I435
	HV3SJ CQ WPX CW	I436
West Sahara - S0	S0RASD 21250 1800Z	
	28550 kHz at 1630Z	I435
Western Samoa 5W	by VK2BCH from May 8	I435
Yemen - 4W	4W0EA late June	I435
Zambia - 9J2	9J2EZ 21010 at 2000Z	I435
Zone 23 - BT0	BT0LS, ZML to May 30	I437
	14180/280 00, 12Z	I433

DX Activities and Contests

Date	Event or Activity	Info
May 21-22	World Telecommunications	
May 28-29	CQ WW WPX CW Test	CQ
June 4-6	ANARTS RTTY Contest	CQ
June 18-19	All Asian Phone	CQ
July 9-10	IARU HF Contest	QST

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Contributors

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